

Title (en)

Barrier coating and process for applying the same to plastic substrates

Title (de)

Sperrschicht und Verfahren zum Auftragen derselben auf Kunststoffgegenstände

Title (fr)

Revêtement de barrière et procédé pour l'appliquer sur un substrat en matière plastique

Publication

**EP 1074588 A3 20010725 (EN)**

Application

**EP 00115404 A 20000717**

Priority

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- US 36629199 A 19990802

Abstract (en)

[origin: EP1074588A2] The present invention is a non-ideal barrier coating composition and the method for applying the coating composition to substrates. The non-ideal barrier coating is useful for providing an effective barrier against gas permeability in containers and for extending shelf-life of containers, especially plastic evacuated blood collection devices. <IMAGE>

IPC 1-7

**C09D 7/00**; **C08J 7/04**; **B05D 7/24**; **A61B 5/15**; **C23C 16/40**

IPC 8 full level

**A61L 29/00** (2006.01); **B05D 7/24** (2006.01); **B32B 9/00** (2006.01); **C08J 7/046** (2020.01); **C08J 7/048** (2020.01); **C23C 16/40** (2006.01); **C23C 16/50** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [XY] EP 0787824 A2 19970806 - BECTON DICKINSON CO [US]
- [Y] US 5736207 A 19980407 - WALTHER MARTEN [DE], et al
- [DA] US 5691007 A 19971125 - MONTGOMERY DAVID B [US]

Cited by

GB2493264A; CN1317421C; US7074501B2; WO03016589A1

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